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04/02/24 • COVID • BIG PHARMA › NEWS

Moderna Developing mRNA Vaccines for Diseases Linked to COVID Shots

As Moderna expands its mRNA vaccine pipeline to target Epstein–Barr, shingles, cancer and autoimmune diseases, scientists warn the company's COVID-19 shots may be suppressing immune function, reactivating latent viruses and potentially causing the very conditions their new products aim to prevent.

By John-Michael Dumais

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During its Vaccines Day Event for investors on March 28, Moderna announced progress on multiple mRNA-based vaccines and therapeutic candidates in its "pipeline."

Three vaccines targeting Epstein-Barr virus (EBV), Varicella-zoster virus (VZV, chickenpox and shingles) and Norovirus are advancing to "pivotal late-stage development," the company said.

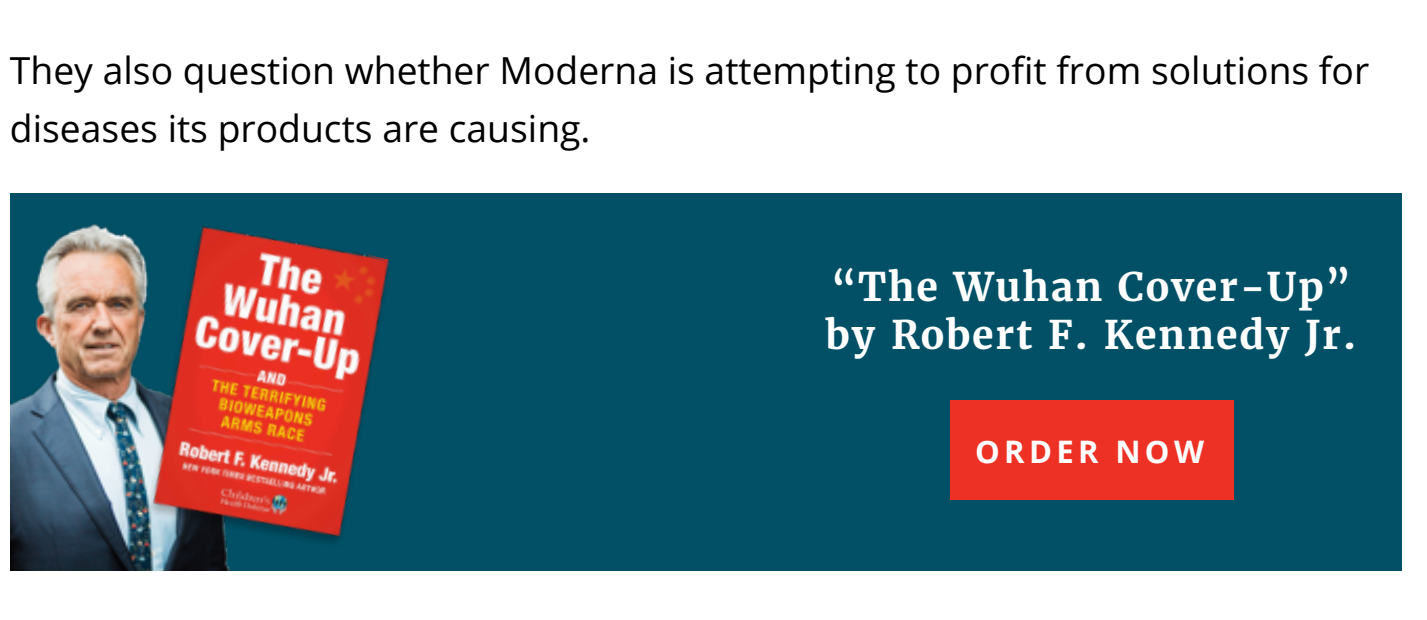
Moderna also announced that the U.S. Food and Drug Administration (FDA) is expected to approve its respiratory syncytial virus (RSV) vaccine mRNA-1345 for older adults. This is part of an expected $52 billion market for Moderna's infectious disease vaccines.

"We continue to explore the application of mRNA in the potential treatment of cardiovascular and other ischemic vascular diseases," Moderna's website states in its product plans for therapeutic areas.

The company also is developing mRNA solutions for cancer and autoimmune diseases.

Citing the well-documented and often serious adverse reactions to the COVID-19 mRNA vaccines, some scientists and doctors said they are concerned about the dangers of existing and new mRNA formulations.

They also question whether Moderna is attempting to profit from solutions for diseases its products are causing.


"The Wuhan Cover-Up" by Robert F. Kennedy Jr.
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Blocking the 'foot soldiers of the immune system'

Synthetic-modified RNA (modRNA) in the cells suppresses innate immunity that keeps latent viruses at bay and protects against new infections, according to Brian Hooker, Ph.D., chief scientific officer at Children's Health Defense.

"One of the mechanisms involves microRNAs that suppress the production of cellular interferon, which is extremely important for attack against viral infections as well as tumor suppression," Hooker told The Defender.

Hooker pointed to the June 2022 paper by Stephanie Seneff, Ph.D., Dr. Peter McCullough and others that explored innate immune suppression by mRNA vaccines.

The authors proposed that vaccine-induced interferon suppression blocks the proper functioning of CD8+ T cells — often called the foot soldiers of the immune system — allowing dormant viruses to reactivate and, in the case of VZV, to cause shingles, the "adult" version of chickenpox.

A 2021 paper reported 54 cases of herpes zoster (shingles) emerging an average of 7 days after COVID-19 vaccination. A 2022 paper reported 10 cases of herpes zoster reactivation within one to three weeks after COVID-19 vaccination.

Yet the authors of both papers claimed a definitive link between the vaccines and the symptoms could not be established.

French scientist Hélène Banoun, Ph.D., in "La Science face au Pouvoir: Ce que révèle la crise Covid-19 sur la biopolitique du XXIe siècle" ("Science versus Power: What the Covid-19 crisis reveals about 21st-century biopolitics"), wrote that the disorganization of the innate immune system and its receptors contribute to the reactivation of latent viruses — including herpes, shingles, human papillomavirus (HPV) and RSV.

Many people infected by EBV or VZV become healthy, asymptomatic carriers, according to Banoun.

"These viruses, as well as other viruses or bacteria — such as the Koch bacillus responsible for tuberculosis — can remain dormant throughout life, or be reactivated during immunosuppression," Banoun told The Defender.

Banoun also cited leprosy reactions following mRNA injections observed in numerous countries. "Despite the sophistication of mRNA vaccines, some side effects apparently reactivate diseases thought to have been relegated to the past," she wrote.

Numerous case studies (here, here and here) correlate the development of EBV-related symptoms and antibodies with COVID-19 mRNA vaccines.

Matthew Matlock, a combat veteran and Ironman athlete, self-reported at the April 2022 meeting of the FDA's Vaccines and Related Biological Products Advisory Committee that he suffered from the reactivation of EBV, in addition to cardiac and mast cell disease issues, after receiving the second dose of Pfizer's COVID-19 shot.

Moderna is creating two versions of a vaccine for EBV: mRNA-1189 for prevention and mRNA-1195 to address the long-term effects, specifically multiple sclerosis and a subcategory of lymphoma in solid organ transplant patients.

Moderna reportedly paused its EBV vaccine trial last year when a subject developed myocarditis.

Moderna does not mention other long-term EBV effects such as chronic active EBV, EBV-associated cancers, anemia, rupture of the spleen, thrombocytopenia, hepatitis, myocarditis and diseases of the nervous system including encephalitis, meningitis and Guillain-Barré syndrome.

Moderna CEO Stéphane Bancel said the market for the EBV vaccines is expected to be several billion dollars.

RFK Jr. and Brian Hooker's *New* Book: "Vax-Unvax"
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Turbo cancers and autoimmune diseases

Banoun noted the role of anti-spike IgG4 (immunoglobin subtype 4) in spike-induced immunotolerance, writing that it "takes over from other IgG after repeated vaccinations" and increases the expression of PD-L1 (programmed cell death ligand 1), which can prevent the immune system's T cells from attacking and killing cancer cells.

IgG4 is an antibody the immune system produces in response to infections or vaccinations. It has anti-inflammatory properties but can also bind to the same targets as other antibodies, blocking their effectiveness.

Overexpression of IgG4 can lead to IgG4-related disease, a chronic inflammatory condition with lesions that can dysregulate organ functioning and even cause death.

According to a 2023 study, IgG4 antibodies induced by repeated vaccination may generate immune tolerance to the SARS-CoV-2 spike protein, rendering the mRNA vaccines ineffective.

Mikolaj Raszek, Ph.D., a genomics sequencing specialist and founder and director of Merogenomics, in a recent tweet cited a January 2024 article in Viruses showing abnormal IgG4 antibodies in nearly all mRNA-vaccinated Individuals:

> "They're suggesting that having too much antigen eventually will lead to T cell exhaustion, and if you have T cell exhaustion this is how you might start correlating that with development of autoimmunity …
>
> "More and more scientists are becoming leery of these IgG4 antibodies that basically seem to be observed in almost all of the mRNA vaccinated individuals."

The authors of the Viruses article noted that a high level of IgG4 in the serum is considered pathogenic as it could trigger autoimmune diseases, cancer and other illnesses.

They speculated this could be due to the long-lasting spike protein produced by the vaccines and suggested this could lead to the desensitization of CD4+ and CD8+ T cells, leading to immune system exhaustion.

"The induction of immunological tolerance by repeated vaccinations could perhaps explain the large number of deaths occurring in vaccinated people who received a third dose compared with unvaccinated individuals in some European countries," they wrote.

In their paper, Seneff and McCullough linked vaccine-induced immunosuppression to neurodegenerative diseases, myocarditis, immune thrombocytopenia, Bell's palsy, liver disease, cancer and other impairments.

Geert Vanden Bossche, Ph.D., also warned that vaccine-induced elevated levels of IgG4 could lead to turbo cancers. Many oncologists have reported rapidly developing cancers, often in younger people, that have already progressed to Stage 3 or 4 by the time they are diagnosed.

Banoun said that until a few years ago, Moderna developed mRNA vaccines solely to fight cancer. "It is certain that we are witnessing an increase in the incidence of cancer certainly due to anti-COVID RNAs," she said.

Banoun said the mRNA-6981 product under development by Moderna is designed to increase PD-L1 levels to prevent the progression of autoimmune hepatitis by limiting the immune system's self-reactivity.

However, as already noted, elevated PD-L1 can block the immune system's cancer-fighting properties.

"This therapy is a double-edged sword, as it will not be specific and risks inducing immunotolerance to other pathologies such as infections and cancers," Banoun said. "Moderna will then be able to develop other mRNAs against induced cancers."

Other cancer-targeting mRNAs in Moderna's pipeline include mRNA-4157 for melanoma and non-small cell lung cancer (NSCLC); mRNA-5671 for NSCLC, pancreatic and colorectal cancers; mRNA-4359 to "stimulate effector T cells that target and kill suppressive immune and cancer cells that express high levels of target checkpoint antigens"; and mRNA-2752 for direct injection into tumors and lymphomas.

Moderna also said it is developing several mRNA therapeutics that it believes "have the potential to help the millions of patients battling autoimmune diseases."

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SARS-CoV-2 spike protein can cause many of the same diseases

Moderna may also be responding to diseases caused by the spike protein in the original SARS-CoV-2 virus itself.

There is ample evidence at this point to suggest that the virus was engineered specifically to be more virulent to humans.

Researchers in this 2022 study of COVID-19-infected people found elevated levels of EBV-related antibodies as well as herpes virus 6A and human endogenous retrovirus K antibodies.

Symptoms attributed to "long COVID" (which may include symptoms attributable to the mRNA vaccines) include difficulty breathing, chest pain, heart palpitations, fatigue, brain fog, sleep problems, dizziness, pins-and-needles feelings, post-exercise malaise, a change in smell or taste, depression or anxiety, stomach pain or diarrhea, joint or muscle pain, rashes and changes in menstrual cycles.

The Centers for Disease Control and Prevention website states that these symptoms are similar to those reported by people with chronic fatigue syndrome, also known as myalgic encephalomyelitis.

Dr. Michelle Perro, an integrative medicine pediatrician and executive director of GMO Science, told The Defender that because people with long COVID may have an exacerbation of underlying chronic infections, "the production of mRNA vaccines, which are problematic from the experience with COVID, is faulty at best."

"These vaccines were in the pipeline way before COVID and got a pass with the EUA [emergency use authorization] to unleash the technology," Perro said.

"There is nothing good to be said about using this process [mRNA] in 'vaccine' development," she said. "This technology should be abandoned immediately until further data is available."

Moderna has recently been pushing a vaccination campaign aimed at long COVID prevention.

'Hello shingles!' Existing vaccines may be cause of diseases

The mRNA shots may not be solely responsible for the reemergence of viruses like chickenpox. In her March 29 Substack post, Jennifer Margulis discussed the chickenpox vaccine and its relationship to the rise in shingles cases.

Until the chickenpox vaccine was added to the childhood vaccination schedule in 1995, the virus was associated with "only 100 deaths each year out of nearly 4 million cases," she wrote.

Margulis questioned why such a relatively mild disease would need a vaccine if the purpose of the scheduled vaccines was to prevent serious disease. She noted that fewer than one-third of European countries even recommend universal vaccination for children.

Citing a 2022 study, Margulis highlighted some of the serious adverse reactions to the chickenpox vaccine, including meningitis, encephalitis and death. Other adverse effects reported include thrombocytopenia, pneumonia, severe rashes, skin infections and seizures.

Margulis argued that removing the wild virus from circulation through wide-scale vaccination campaigns had reduced the natural immunity of adults who in times past were allowed to fight the infection as children.

"This natural immunization boost is pretty much gone," she said, adding, "Hello shingles!" and pointing out that "mRNA-1468 is the vaccine Moderna is developing to protect adults from shingles."

More products in Moderna's pipeline

Other products in Moderna's pipeline include an HIV vaccine, a combined RSV-HPV vaccine, a pediatric RSV vaccine, a pandemic flu shot, a cytomegalovirus vaccine and an endemic HCoV (human coronavirus) vaccine; vaccines for Lyme disease, Zika, Nipah and Mpox; a therapeutic to promote relaxin, a naturally occurring cardio-protective hormone; and a combined COVID-19-flu shot.

Blackstone Life Sciences has agreed to invest $750 million in Moderna's flu vaccine in exchange for milestone payments and royalties, Yahoo Finance reported.

The stock value of Moderna rose 3% after the announcements, approaching $111 per share, bringing the 2024 increase to 11.2% as of March 28, which is well above the industry average.

The current price is still well below the $450 price per share Moderna enjoyed in mid-2021 at the height of the COVID-19 vaccine rollout.

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John-Michael Dumais
John-Michael Dumais is a news editor for The Defender. He has been a writer and community organizer on a variety of issues, including the death penalty, war, health freedom and all things related to the COVID-19 pandemic.

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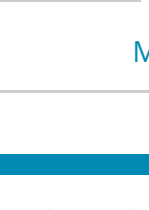
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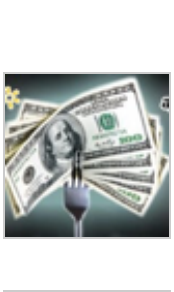
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Best Newest Oldest

mcwinaz
22 days ago
It's still a choice to use/not use pharmaceutical products, and if someone is goofy enough to keep jabbing themselves w/this stuff, not much you can do. You either know the true motives of these psychopaths or you don't.
11 0 Reply

CastleConnell → mcwinaz
22 days ago
Here is the thing though, Rutgers just removed the mandate for students, but if you were halfway through the program, you were left with a tough choice while it was in place.
3 0 Reply

Mary Catherine Carlblom → CastleConnell
22 days ago
My choice would be to jettison the toxic program and fight the consequences resulting from that decision (which I assume would be the tuition to the inane university which required the toxic vaccine). I would not stop there: I would require the university, as a participant in the atrocious vaccine requirement to "make me whole" and pay its part in any and all damages to my health. These universities need to wake up to the fact that these drug manufacturers are guilty of malfeasance and total disregard for the human beings they are treating with their toxic vaccines designed to make them nothing but money.
6 0 Reply

notaluvvie
22 days ago
What a great system, create the problem then "solve" it.
9 0 Reply

GarySummers
22 days ago
Hopefully CHD will join this Grass Roots Legal Action?"
BREAKING* ** "Sharing Is Caring"*
"Is Justice Coming For Victims of COVID Wrongful Deaths?"

Such justice soon may be coming due in large part to the **dedicated efforts of two attorneys in Florida (working pro bono) to thoroughly research the criminal codes of 25 states to identify crimes committed by various high-level officials and organizations prior to and during the COVID-19 pandemic.**

One of the attorneys, a former prosecutor, prepared extensive legal briefs (documenting strong evidence of crimes) that have been submitted to the attorneys general of Texas and Florida—the brief was subsequently filed with the Florida Department of Law Enforcement.

Anthony Fauci, ex-Director, National Institute of Allergy and Infectious Diseases
Cliff Lane, Deputy Director, National Institute of Allergy and Infectious Diseases
Francis Collins, ex-Director, National Institutes of Health
Deborah Birx, ex-White House COVID Response Coordinator & former Director of HIV Research at Walter Reed Army Institute of Research

see more

8 0 Reply

boxerdoglover → GarySummers
21 days ago
One of those would be Covenant in Lubbock. The demanded my husband get the jab or he couldn't have surgery. We cancelled it all.
3 0 Reply

Beatrice → boxerdoglover
21 days ago
Good for you. I know it takes courage to stand up to these monsters when we need medical care but this is why we all need to be preparing ourselves by getting healthy and stocking up on any medications or natural remedies that we may need in the future so we can avoid going to a doctor.
3 0 Reply

r2bzjudge → GarySummers
22 days ago
Rick Bright and Janet Woodcock colluded to place an EUA on Hydroxychloroquine, limiting it to in hospital use only, in order to prevent it from being used to protect Covid patients on an outpatient basis. This blocked an initial supply of HCQ that Trump had secured.
3 0 Reply

Ricky Ricardo
22 days ago
It's the same playbook they've used always. Nothing stops the Money Train!
7 0 Reply

GarySummers → Ricky Ricardo
22 days ago
"Glad Your Still Hanging In"
2 0 Reply

BChristine
22 days ago
Interesting "plan" they've had all along - all by design. Disgusting and sad.
6 0 Reply

boxerdoglover
21 days ago
And there is the proof it was all planned.
5 0 Reply

Mary Catherine Carlblom
22 days ago
"They also question whether Moderna is attempting to profit from solutions for diseases its products are causing." How absurd that they would even suggest developing a vaccine to counteract the effects of vaccines they have already developed: They should be making the sufferers of their vaccines whole by donating the antidote (if, in fact, it actually is an antidote to their previously defective vaccine. Wow!
4 0 Reply

Leon
22 days ago
" Moderna Developing mRNA Vaccines for Diseases Linked to those COVID Shots"

And should we suppose that they will develop ...
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mRNA Vaccines for Diseases Linked to those
COVID Shots" ???

Is not that marvelous?

They created a bioweapon for which they cashed in billions while disabling and killing millions of people and now they will cash in other billions by making believe that what was a devilish bioweapon will now become a magical healing substance…

see more

4 0 Reply

CastleConnell
22 days ago
Bottom line, billions to be made by staying on the mRNA gravy train. In 1986 they removed the brakes, so it will take enormous external force to bring it to a halt.
2 0 Reply

Mary Catherine Carlblom → CastleConnell
22 days ago
It must be brought to a halt. It has created damage and death to many forced to get these unproven efficacy vaccines. Now it appears that, not only were they ineffective, they were deadly in many cases. Inother cases, they created egregious disabilities. These amoral heinous people need to pay for their crimes. What they have perpetrated is a crime against humanity.
0 0 Reply

p. gutierrez
21 days ago edited
J-M DuMais writes a good article. He states,

"Mikolaj Raszek, Ph.D., a genomics sequencing specialist and founder and director of Merogenomics, in a recent tweet cited a January 2024 article in Viruses showing abnormal IgG4 antibodies in nearly all mRNA-vaccinated Individuals:

Geert Vanden Bossche, Ph.D., also warned that vaccine-induced elevated levels of IgG4 could lead to turbo cancers. Many oncologists have reported rapidly developing cancers, often in younger people, that have already progressed to Stage 3 or 4 by the time they are diagnosed."

The Viruses article that Raszek referenced is, 'The Anti-SARS-CoV-2 IgG1 and IgG3 Antibody Isotypes with Limited Neutralizing Capacity against Omicron Elicited in a Latin Population a Switch toward IgG4 after Multiple Doses with the mRNA Pfizer–BioNTech Vaccine', by Ana M. Espino, Albersy Armina-Rodriguez, and many others. The article showed abnormal IGg4 antibody levels in Covid-19 mRNA vaccinated individuals by their using their in-house IGG ELISA (enzyme-linked immunosorbent assay), and determined absorbance at 492 nm (OD492) using a spectrophotometer.

see more

1 0 Reply

Jerry Alatalo
21 days ago
It was approximately three (long, crime spree) years ago when some of us were predicting a coming time when attorneys worldwide would see work on lawsuits - against the so-called "vaccine" manufacturers (deadly bioweapons), by families of those injured and killed - coming out of their ears.

It appears that long-awaited time has arrived.
1 0 Reply

r2bzjudge
22 days ago
"This is part of an expected $52 billion market for Moderna's infectious disease vaccines."

I am not in the market for any of those shots, mRNA or otherwise.

Per chicken pox: "Margulis questioned why such a relatively mild disease would need a vaccine if the purpose of the scheduled vaccines was to prevent serious disease."

Expanded markets. The full childhood schedule is some 72 doses of 16 different vaccines. Expanded market, more revenue and profits. Former CDC director Walensky, as part of CDC reforms, wanted an adult vaccination program, to expand the vaccine market even more. It's about commercial marketing, not public health.
1 0 Reply

Undecider
10 days ago
There's a sucker born every minute. People will even pay for this.
0 0 Reply

GarySummers
22 days ago edited
"BREAKING"
"Top International Virologist **Issues Dire Warning**: "Massive, **Massive Tsunami of Death Among Highly Vaccinated...Is Imminent**""

A world-leading virologist has issued a shocking warning to the American public that a "massive tsunami" of death will soon destroy the global COVID-19 vaccinated population.
"It is very, very clear that when this starts, our hospitals will collapse. "And that means the chaos in all kinds of layers of society — financial, economic, social, you name it — will be complete."

As Slay News reported, the bone-chilling warning was issued by Dr. Geert Vanden Bossche, a respected Belgian virologist, during an appearance on the KunstlerCast podcast, which is hosted by James Kunstler, on Friday.
https://www.thegatewaypundi...

"CCP China To It's Citizens In USA?"
A strange warning has been issued by China **to any of its citizens located in the United States: "take safety precautions" and be prepared for 'various unexpected situations.'**
https://halturnerradioshow....

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